

1ST AND 2ND UPPER PROCESSING AND PREPARED IN 1973

4

CA

Alumina and its salts. A. N. Kuznetsov and B. I. Zhukovskii. Russ. 291, July 21, 1915. Al silicates, clay or corundum contg. admixts. of SiO_2 are reduced in an elec. furnace. So that all the SiO_2 of the material will be converted into $Si-Fe$, the compds. sufficient for the formation of the aluminates are added to the charge. The Al aluminates obtained are decomposed with H_2O , acids or alkali sulfates or carbonates.

ASB. SIA METALLURGICAL LITERATURE CLASSIFICATION

SIGN. DIVISION										SECOND MAP ONLY Col										RELATIONS									
SIGNATURE										SIGNATURE										SIGNATURE									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30

ALPHABET																										NUMERICAL																										SYMBOLS																									
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																										0 1 2 3 4 5 6 7 8 9																										@ # \$ % & ' () * + , - . / : ;																									
1ST AND 2ND LETTER																										3RD LETTER																										4TH AND 5TH LETTER																									
SOURCE CODE																										MESSAGE NUMBER																										DATE AND TIME																									
<p><i>R</i></p>																																																																													
<p>Kuznetsov, A. N., and Zhukovskii, K. I. ALUMINA AND ITS SALTS. U.S.S.R. Pat. 280, July 21, 1913. Al silicates, clay, or corundum containing admixtures of SiO_2 are reduced in an electric furnace. To convert all the SiO_2 of the material into $SiFe$, Na compounds sufficient for the formation of Na aluminates are added to the charge. The Na aluminates obtained are decomposed with H_2O, acids, or alkali sulfates or carbonates.</p>																																																																													
1ST AND 2ND LETTER																										3RD LETTER																										4TH AND 5TH LETTER																									

10 13 16 19 22 25 28 31 34 37 40 43 46 49 52 55 58 61 64 67 70 73 76 79 82 85 88 91 94 97 100 103 106 109 112 115 118 121 124 127 130 133 136 139 142 145 148 151 154 157 160 163 166 169 172 175 178 181 184 187 190 193 196 199 202 205 208 211 214 217 220 223 226 229 232 235 238 241 244 247 250 253 256 259 262 265 268 271 274 277 280 283 286 289 292 295 298 301 304 307 310 313 316 319 322 325 328 331 334 337 340 343 346 349 352 355 358 361 364 367 370 373 376 379 382 385 388 391 394 397 400 403 406 409 412 415 418 421 424 427 430 433 436 439 442 445 448 451 454 457 460 463 466 469 472 475 478 481 484 487 490 493 496 499 502 505 508 511 514 517 520 523 526 529 532 535 538 541 544 547 550 553 556 559 562 565 568 571 574 577 580 583 586 589 592 595 598 601 604 607 610 613 616 619 622 625 628 631 634 637 640 643 646 649 652 655 658 661 664 667 670 673 676 679 682 685 688 691 694 697 700 703 706 709 712 715 718 721 724 727 730 733 736 739 742 745 748 751 754 757 760 763 766 769 772 775 778 781 784 787 790 793 796 799 802 805 808 811 814 817 820 823 826 829 832 835 838 841 844 847 850 853 856 859 862 865 868 871 874 877 880 883 886 889 892 895 898 901 904 907 910 913 916 919 922 925 928 931 934 937 940 943 946 949 952 955 958 961 964 967 970 973 976 979 982 985 988 991 994 997 1000

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200

201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300

301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400

401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500

501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600

601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700

701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800

801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900

901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000

1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 1045 1046 1047 1048 1049 1050 1051 1052 1053 1054 1055 1056 1057 1058 1059 1060 1061 1062 1063 1064 1065 1066 1067 1068 1069 1070 1071 1072 1073 1074 1075 1076 1077 1078 1079 1080 1081 1082 1083 1084 1085 1086 1087 1088 1089 1090 1091 1092 1093 1094 1095 1096 1097 1098 1099 1100

1101 1102 1103 1104 1105 1106 1107 1108 1109 1110 1111 1112 1113 1114 1115 1116 1117 1118 1119 1120 1121 1122 1123 1124 1125 1126 1127 1128 1129 1130 1131 1132 1133 1134 1135 1136 1137 1138 1139 1140 1141 1142 1143 1144 1145 1146 1147 1148 1149 1150 1151 1152 1153 1154 1155 1156 1157 1158 1159 1160 1161 1162 1163 1164 1165 1166 1167 1168 1169 1170 1171 1172 1173 1174 1175 1176 1177 1178 1179 1180 1181 1182 1183 1184 1185 1186 1187 1188 1189 1190 1191 1192 1193 1194 1195 1196 1197 1198 1199 1200

1201 1202 1203 1204 1205 1206 1207 1208 1209 1210 1211 1212 1213 1214 1215 1216 1217 1218 1219 1220 1221 1222 1223 1224 1225 1226 1227 1228 1229 1230 1231 1232 1233 1234 1235 1236 1237 1238 1239 1240 1241 1242 1243 1244 1245 1246 1247 1248 1249 1250 1251 1252 1253 1254 1255 1256 1257 1258 1259 1260 1261 1262 1263 1264 1265 1266 1267 1268 1269 1270 1271 1272 1273 1274 1275 1276 1277 1278 1279 1280 1281 1282 1283 1284 1285 1286 1287 1288 1289 1290 1291 1292 1293 1294 1295 1296 1297 1298 1299 1300

1301 1302 1303 1304 1305 1306 1307 1308 1309 1310 1311 1312 1313 1314 1315 1316 1317 1318 1319 1320 1321 1322 1323 1324 1325 1326 1327 1328 1329 1330 1331 1332 1333 1334 1335 1336 1337 1338 1339 1340 1341 1342 1343 1344 1345 1346 1347 1348 1349 1350 1351 1352 1353 1354 1355 1356 1357 1358 1359 1360 1361 1362 1363 1364 1365 1366 1367 1368 1369 1370 1371 1372 1373 1374 1375 1376 1377 1378 1379 1380 1381 1382 1383 1384 1385 1386 1387 1388 1389 1390 1391 1392 1393 1394 1395 1396 1397 1398 1399 1400

1401 1402 1403 1404 1405 1406 1407 1408 1409 1410 1411 1412 1413 1414 1415 1416 1417 1418 1419 1420 1421 1422 1423 1424 1425 1426 1427 1428 1429 1430 1431 1432 1433 1434 1435 1436 1437 1438 1439 1440 1441 1442 1443 1444 1445 1446 1447 1448 1449 1450 1451 1452 1453 1454 1455 1456 1457 1458 1459 1460 1461 1462 1463 1464 1465 1466 1467 1468 1469 1470 1471 1472 1473 1474 1475 1476 1477 1478 1479 1480 1481 1482 1483 1484 1485 1486 1487 1488 1489 1490 1491 1492 1493 1494 1495 1496 1497 1498 1499 1500

1501 1502 1503 1504 1505 1506 1507 1508 1509 1510 1511 1512 1513 1514 1515 1516 1517 1518 1519 1520 1521 1522 1523 1524 1525 1526 1527 1528 1529 1530 1531 1532 1533 1534 1535 1536 1537 1538 1539 1540 1541 1542 1543 1544 1545 1546 1547 1548 1549 1550 1551 1552 1553 1554 1555 1556 1557 1558 1559 1560 1561 1562 1563 1564 1565 1566 1567 1568 1569 1570 1571 1572 1573 1574 1575 1576 1577 1578 1579 1580 1581 1582 1583 1584 1585 1586 1587 1588 1589 1590 1591 1592 1593 1594 1595 1596 1597 1598 1599 1600

1601 1602 1603 1604 1605 1606 1607 1608 1609 1610 1611 1612 1613 1614 1615 1616 1617 1618 1619 1620 1621 1622 1623 1624 1625 1626 1627 1628 1629 1630 1631 1632 1633 1634 1635 1636 1637 1638 1639 1640 1641 1642 1643 1644 1645 1646 1647 1648 1649 1650 1651 1652 1653 1654 1655 1656 1657 1658 1659 1660 1661 1662 1663 1664 1665 1666 1667 1668 1669 1670 1671 1672 1673 1674 1675 1676 1677 1678 1679 1680 1681 1682 1683 1684 1685 1686 1687 1688 1689 1690 1691 1692 1693 1694 1695 1696 1697 1698 1699 1700

1701 1702 1703 1704 1705 1706 1707 1708 1709 1710 1711 1712 1713 1714 1715 1716 1717 1718 1719 1720 1721 1722 1723 1724 1725 1726 1727 1728 1729 1730 1731 1732 1733 1734 1735 1736 1737 1738 1739 1740 1741 1742 1743 1744 1745 1746 1747 1748 1749 1750 1751 1752 1753 1754 1755 1756 1757 1758 1759 1760 1761 1762 1763 1764 1765 1766 1767 1768 1769 1770 1771 1772 1773 1774 1775 1776 1777 1778 1779 1780 1781 1782 1783 1784 1785 1786 1787 1788 1789 1790 1791 1792 1793 1794 1795 1796 1797 1798 1799 1800

1801 1802 1803 1804 1805 1806 1807 1808 1809 1810 1811 1812 1813 1814 1815 1816 1817 1818 1819 1820 1821 1822 1823 1824 1825 1826 1827 1828 1829 1830 1831 1832 1833 1834 1835 1836 1837 1838 1839 1840 1841 1842 1843 1844 1845 1846 1847 1848 1849 1850 1851 1852 1853 1854 1855 1856 1857 1858 1859 1860 1861 1862 1863 1864 1865 1866 1867 1868 1869 1870 1871 1872 1873 1874 1875 1876 1877 1878 1879 1880 1881 1882 1883 1884 1885 1886 1887 1888 1889 1890 1891 1892 1893 1894 1895 1896 1897 1898 1899 1900

1901 1902 1903 1904 1905 1906 1907 1908 1909 1910 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930 1931 1932 1933 1934 1935 1936 1937 1938 1939 1940 1941 1942 1943 1944 1945 1946 1947 1948 1949 1950 1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000

2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100

2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200

2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300

2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2

COMMON ELEMENTS

OTHER ELEMENTS

Electric heating of glass in the Pourbaix channel. 12.
M. ABRAMOV, V. ZHURAVSKII, and M. G. BERNARD.
Steklo i Keram., 6: 57-58 (1959).--Electric heating was
undertaken to combat streaks and devitrification. The
electrodes (3-in. steel tubes) were immersed to a depth of
20 cm. It was possible to attain complete isothermy of the
melt under the electrode, with a total rise in temperature
in this zone of 30°. Temperature distribution along the
depth of the melt in the preheating chamber was consider-
ably improved. Temperature difference between the
surface and a depth of 55 cm. was reduced from 160°
(original temperature) to 110°C. Equalization of tem-
perature was caused by a 15° to 20° drop in the upper
levels and a 30° to 40° rise at a depth of 30 to 55 cm. At a
depth of 55 cm., the temperature rose from 900° to 1030°,
thus eliminating the possibility of crystallization. De-
vitrification was completely eliminated, and streaks were
considerably reduced. Temperature curves and a sche-
matic diagram of the electrical system are given.

B.Z.K.

COMMON ELEMENTS		PROPERTIES AND PROPERTIES INDEX		11 - (1) - 43	
<p>Electric heating of glass in the Fourcault channel. G. M. AMMINAZI, E. V. ZHURKOVSKI, AND M. G. BRPANSKI. <i>Sobla i Keram.</i>, 6 [3] 3-9 (1949).—Electric heating was undertaken to combat streaks and devitrification. The electrodes (3-in. steel tubes) were immersed to a depth of 20 cm. It was possible to attain complete isothermy of the melt under the debiteuse, with a total rise in temperature in this zone of 30°. Temperature distribution along the depth of the melt in the preheating chambers was considerably improved. Temperature difference between the surface and a depth of 55 cm. was reduced from 100° (original temperature) to 110°C. Equalization of temperature was caused by a 15° to 20° drop in the upper levels and a 30° to 40° rise at a depth of 30 to 55 cm. At a depth of 55 cm., the temperature rose from 990° to 1030°, thus eliminating the possibility of crystallization. Devitrification was completely eliminated, and streaks were considerably reduced. Temperature curves and a schematic diagram of the electrical system are given.</p> <p>H.Z.K.</p>					
<p>ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION</p>					
FROM SYNDICATE		TO SYNDICATE		TO SYNDICATE	
SYNDICATE		SYNDICATE		SYNDICATE	

CA

Electric heating of glass in the Furmanit channel. (1. M. Ashkinazi, B. V. Zhukovskii, and M. G. Stepanenko. *Soviet Glass*, 6, No. 3, 4-6 (1949).) Elec. heating was undertaken to combat streakiness and devitrification. The electrodes (3-in. steel tubes) were immersed to a depth of 20 cm. It was possible to attain complete isothermy of the melt under the electrode, with a total rise in temp. in this zone by 30°. Temp. distribution along depth of the melt in the preheating chamber was considerably improved. Difference between surface and depth of 55 cm. was reduced from 180° (original temp.) to 110°. Temp. was equalized by a 15-20° drop in upper levels and a 30-40° rise at a depth of 30-55 cm. At a depth of 55 cm. the temp. rose from 990 to 1030°; this eliminates the possibility of crystals. Devitrification was completely eliminated and streakiness was considerably reduced.

B. Z. Kamich

ASB.SLA METALLURGICAL LITERATURE CLASSIFICATION

ZHUKOVSKIY, E.Z., inzh.; KOREKOVTSSEV, N.P., inzh.; UKRAINCEIK,
M.M., inzh., red.

[Precast monolithic reinforced concrete shells in the form hyperbolic paraboloids for roofs of industrial buildings; practices of the Krasnoyarsk Economic Council and the State Design and Planning Institute of the Leningrad State Design and Planning Institute] Sborno-monolitnye zhelezobetonnye obolochki v vide giperbolicheskikh paraboloidov dlia pokrytii promyshlennykh zdani; opyt Krasnoyarskogo sovnarkhcoza i GPI "Leninpromstroiproekt." Moskva, Gosstroizdat, 1962. 33 p.

(MIRA 17:6)

1. Akademiya stroitel'stva i arkhitektury SSSR, Nauchno-issledovatel'skiy institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stva. 2. Rukovoditel' spetsial'nogo konstruktorskogo otdela Gosudarstvennogo proyektного instituta "Lenpromstroyproekt" (for Zhukovskiy). 3. Glavnyy inzhener tresta "Krasnoyarsk-shakhtostroy", g. Chernogorak (for Korekovtsev).

KOSTYUKOVSKIY, M.G., kand. tekhn. nauk; ZHUKOVSKIY, E.Z., inzh.

Analysis of the types of composite reinforced concrete
shell roofs for industrial buildings. Bet. 1 zhel.-bet. 9
no.11:485-489 N '63. (MIRA 17:1)

ZHUKOVSKIY, E.Z., inzh.; KULAGIN, A.A.

Partly precast and partly cast-in-place reinforced concrete shells with two-way curvature made of large slabs. Prom. stroi. 40 no.12:9-12 '62. (MIRA 15:12)

1. Tsentral'nyy nauchno-issledovatel'skiy i proyektno-eksperimental'nyy institut promyshlennykh zdaniy i sooruzheniy Akademii stroitel'stva i arkhitektury SSSR.
(Roofs, Shell)

ZHUKOVSKIY, E.Z., inzh.

Large reinforced concrete slabs in the shape of curved rectangles
for shell roofs. Bet.1 shel.-bet. 8 no.4:170-174 Ap 162.
(MIRA 15:5)

(Precast concrete) (Roofs, Shell)

ZHUKOVSKIY, G.

Frozen potentialities. Grazhd.av. 17 no.4:22-23 Ap '60.
(MIRA 13:9)

1. Nachal'nik Kuybyshevskikh lineyno-ekspluatatsionnykh i
remontnykh masterkikh.
(Kuibyshev—Airports—Maintenance and repair)

ZHUKOVSKIY, G.M.

Spawning migrations and spawning grounds of the Don vinba (*Vimba vinba natio carinata*). Vop. ikht. no.9:78-90 '57. (MIRA 11:1)

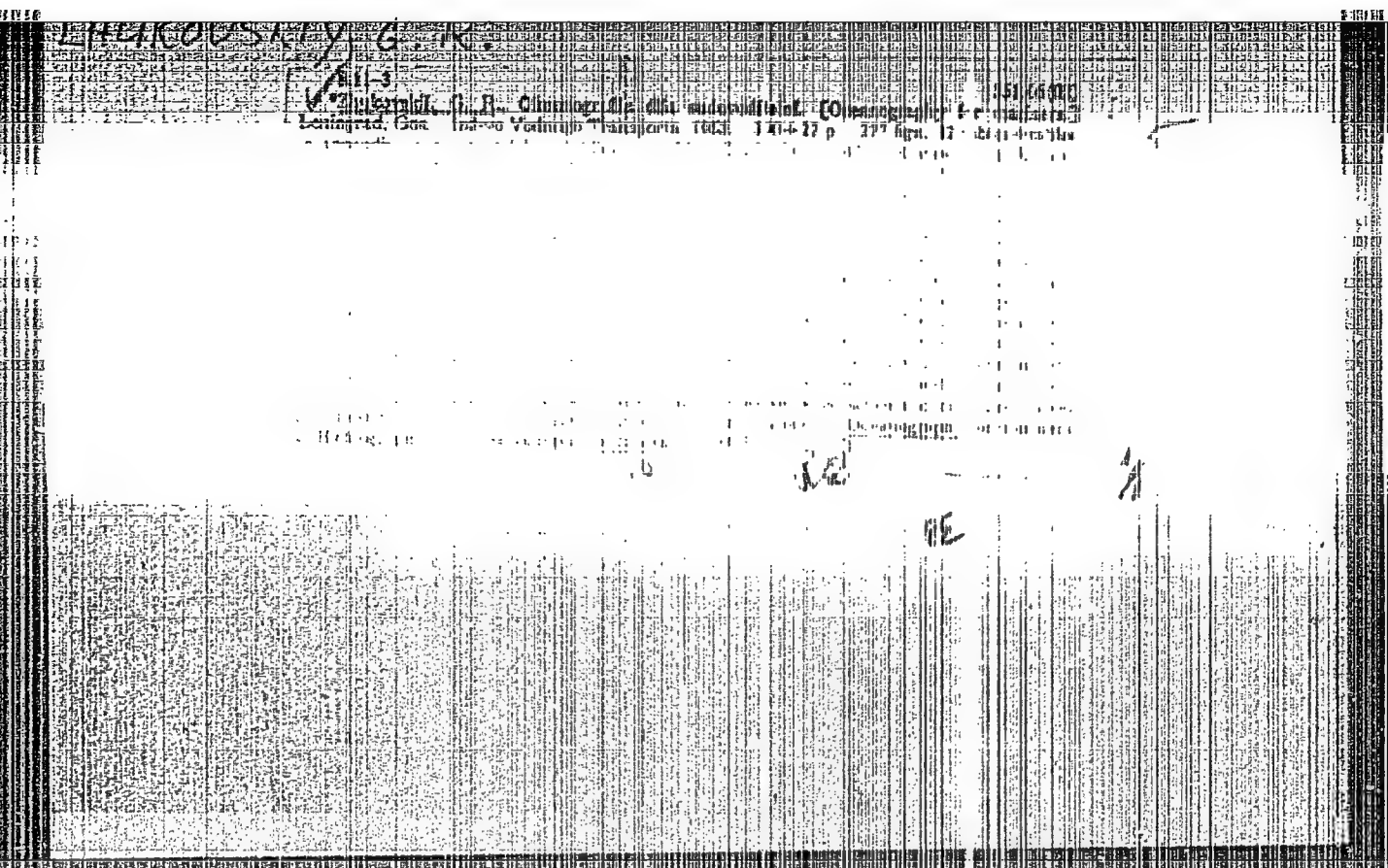
1. Rostovskoye-na-Donu otделение Gidroribproyekt. (Don River—Carp)

ZHUKOVSKIY, G P

OKEANOGRAFIYA DLYA SUDOVODITELEY (OCEANOGRAPHY FOR SHIP'S PILOTS) Leningrad,
VODTRANSIZDAT, 1953.

390 P. ILLUS., CHARTS, DIAGRS., TABLES

SO: N/5
623.5
.Z6



ZHUKOVSKI, J. R.

Oceanography for ship navigators; textbo k Leningrad, Gos. izd-vo vodnogo
transporta, 1953. 390 p. maps. (54-38853)

GC11.247

ZHUKOVSKIY, G. R.

"Oceanography" (Okeanografiya), 1953

XXVIII - 5

ZHUKOVSKIY, G. R.

PHASE I TREASURE ISLAND BIBLIOGRAPHICAL REPORT AID 493 - I

BOOK Call No.: AF633477

Author: ZHUKOVSKIY, G. R.

Full Title: OCEANOGRAPHY FOR NAVIGATORS

Transliterated Title: Okeanografiya dlya sudovoditeley

PUBLISHING DATA

Originating Agency: None

Publishing House: State Publishing House of Water Transportation

Date: 1953 No. pp.: 412 No. of copies: 10,000

Editorial Staff: Kand. of Geogr. Sciences V. E. Ol'khovskiy (wrote sections on ocean currents) and Kand. of Geogr. Sciences V. V. Dremlyug (wrote sections on the dynamic theory of tides).

PURPOSE: The book is adopted by the navigation departments of higher nautical schools as a textbook and is recommended by the Ministry of the Maritime and River Fleet.

TEXT DATA

Coverage: After a history of Russian expeditions and discoveries starting with the exploits of the Slavs in the VI century and brought up to the arctic expeditions of recent years, the author covers the statics and dynamics of oceanography in 11 chapters at a rather elementary level. In plan, the book follows the usual presentation of the subject in a generalized form. The statical part includes:

Okeanografiya dlya sudovoditeley

AID 493 - I

depths, bottom soil, composition of ocean water, salinity, temperatures, density, compressibility, acoustics, optics, ice. The dynamical part covers: waves (trochoidal theory), sea level, tides, currents. The book has 227 figures, 82 tables and many photoprints and charts, and provides much practical information on the use of oceanographic instruments, on the methods of making and recording observations and on the use of the tables. The mathematical references are few and elementary.

No. of References: Total number - 37, of which 36 are Russian and 1 translated from the English, from 1933 to 1951.

Facilities: None

2/2

ZHUKOVSKIY, G-R.

AID 493 - I

PHASE I

TREASURE ISLAND BIBLIOGRAPHICAL REPORT

Call No.: AF633477

BOOK

Author: ZHUKOVSKIY, G. R.

Full Title: OCEANOGRAPHY FOR NAVIGATORS

Transliterated Title: Okeanografiya dlya sudovoditeley

PUBLISHING DATA

Originating Agency: None

Publishing House: State Publishing House of Water Transportation

Date: 1953

No. pp.: 412

No. of copies: 10,000

Editorial Staff: Kand. of Geogr. Sciences V. E. Ol'khovskiy (wrote

sections on ocean currents) and Kand. of Geogr. Sciences V. V.

Dremlyug (wrote sections on the dynamic theory of tides).

PURPOSE: The book is adopted by the navigation departments of higher nautical schools as a textbook and is recommended by the Ministry of the Maritime and River Fleet.

TEXT DATA

Coverage: After a history of Russian expeditions and discoveries starting with the exploits of the Slavs in the VI century and brought up to the arctic expeditions of recent years, the author covers the statics and dynamics of oceanography in 11 chapters at a rather elementary level. In plan, the book follows the usual presentation of the subject in a generalized form. The statical part includes:

Okeanografiya dlya sudovoditeley

AID 493 - I

depths, bottom soil, composition of ocean water, salinity, temperatures, density, compressibility, acoustics, optics, ice. The dynamical part covers: waves (trochoidal theory), sea level, tides, currents. The book has 227 figures, 82 tables and many photoprints and charts, and provides much practical information on the use of oceanographic instruments, on the methods of making and recording observations and on the use of the tables. The mathematical references are few and elementary.

No. of References: Total number - 37, of which 36 are Russian and 1 translated from the English, from 1933 to 1951.

Facilities: None

2/2

ZHUKOVSKIY, G.R.

[Oceanography for ship handlers] Okeanografiia dlia sudovoditelei.
Leningrad, Gos. izd-vo vodnogo transporta, 1953. 390 p. (MLRA 7:6)
(Ocean)

ZHUKOVSKIY, G.R.

Okeanografiia dlia sudovoditelei.
(Oceanography for navigators). Ucheb. posobie dlia
sudovoditel'skikh fak. vyssh. morekhodnykh uchi-
lishch. Leningrad, Vodtransizdat, 1953. 412 p.

SO: Monthly List of Russian Accessions, Vol. 7, No. 5, August 1954

SOV/137-58-10-20381

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 10 p4 (USSR)

AUTHORS: Zhukovskiy, G. V., Shchugol', L. S.

TITLE: Ore-dressing Flowsheet at the Lebyazh'ye Deposit (Tekhnologiya obogashcheniya rud Lebyazhinskogo mestorozhdeniya)

PERIODICAL: Tr. N. -i. i proyekt. in-ta "Uralmekhanobr", 1957, Nr 1, pp 71-82

ABSTRACT: A description of processing procedures and indices for dressing ore at the Lebyazh'ye-deposit plant by magnetic separation and sintering is presented. A method to be used to extract apatite concentrate from the ore is noted.

M. M.

1. Ores--Processing 2. Minerals--Separation

Card 1/1

SOV/137-58-11-21866

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 11, p 3 (USSR)

AUTHOR: Zhukovskiy, G. V.

TITLE: The Technology of Dressing the Complex Ores of the Techa Deposit
(Tekhnologiya obogashcheniya kompleksnykh rud Techenskogo mestorozhdeniya)

PERIODICAL: Tr. n. -i. i proyekt. in-ta "Uralsmekhanobr", 1957, Nr 1, pp 83-97

ABSTRACT: A description is provided of the results of investigation of 4 bulk samples from the Techa Fe-ore deposit. The investigation was run with dry and wet magnetic separation of classified (to 50-25, 25-12, and 12-0 mm classes) and unclassified material. Dry magnetic separation of unclassified ore yields waste tailings, in terms of Fe, with a considerable amount of pyrite and Co fixed thereto. With wet magnetic separation the recovery of Fe in the concentrate rises as particle size diminishes; prewashing yields a concentrate of higher quality. When ground to 0.2 mm undersize, the Fe content of washed ore is 61.6%, with 65.79% recovery in the concentrate. Recovery of Co and S in the tailings also rises with reduction in the size of the ore being separated. The most profitable version of treatment with

Card 1/2

SOV/137-58-11-21866

The Technology of Dressing the Complex Ores of the Techa Deposit

recovery of Fe and Co is that based on comminution of the ore to 0.2 mm undersize. Large-scale laboratory tests of flotation yielded a pyrite concentrate of 1.29% of the entire ore. According to the industrial-engineering calculations of the Ural-mekhanobr Institute, the production of pyrite concentrates is profitable when 1.2% of the total ore can be obtained as concentrate.

E. V.

Card 2/2

ZHUKOVSKIY, G.V., inzh.

Experimental study of radial overflows in turbine stages.
Teploenergetika 11 no. 1:53-56 Ja '64. (MIRA 17:5)

1. Tsentral'nyy kotloturbinnyy institut.

ZHUKOVSKIY, G.V.; METSKHVARISHVILI, I.N.

Technological characteristics of central Kazakhstan iron and
manganese ores. Obog. rud. 8 no.2:7-10 '63. (MIRA 17:2)

LIPOV, Pavel Petrovich; ZHUKOVSKIY, G.V., kandidat tekhnicheskikh nauk,
redaktor; KEL'NIK, V.P., redaktor; KOVALENKO, E.I., tekhnicheskii
redaktor.

[Equipment of crushing and screening plants] Oboznenie drem-
bil'no-sortirovochnykh fabrik. Sverdlovsk, Gos.nauchno-tekhn.
izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe
otd-nie, 1955. 260 p.
(Crushing machinery) (MIRA 9:1)

ZAVADOVSKIY, A.M., kand.tekhn.nauk; ZHUKOVSKIY, G.V., inzh.

Series of stages of a gas turbine system with large flow output
angles. Izv. vys. ucheb. zav.; energ. 6 no.7:56-61 J1 '63.
(MIRA 16:8)

1. Tsentral'nyy kotloturbinnyy institut imeni I.I.Polzunova.
(Gas turbines)

MAMYKIN, P.S.; ZLATKIN, S.G.; ZHUKOVSKIY, G.V.

The preparation of Ural mountain refractory clays. Ogneupory 21
no.8:376-377 '56. (MLBA 10:2)

1. Ural'skiy Politekhicheskiy institut imeni S.M.Kirova (for
Mamykin and Zlatkin). 2. Institut Uralmekhanoobr (for Zhukovskiy).
(Ural Mountain region--Clays)

BABAK, V.K.; METSKHVARISHVILI, I.N.; ZHUKOVSKIY, G.V.

Full use of sulphide-magnetite ores from the Ural Mountains. Gor.zhm. no.3:3-7 Mr 160. (MIRA 14:5)

1. Uralmekhanobr, Sverdlovsk
(Ore dressing) (Ural Mountains—Magnetite)

ZHUKOVSKIY, G. Yu.

Zhukovskiy, G. Yu. GRANULOMETRIC COMPOSITION OF
 PROPS FOR THE DENSIFY GLASS REFRACTORY MACHINES
 (in Russian). *Granulometry*, 1962, No. 1, pp. 1-10.
 (in) In sieving it is not necessary to have a great number
 of fractions; three will be enough: (1) fine < 0.25 mm.,
 (2) average from 0.25 to 2 mm., and (3) coarse > 2 mm.
 For these glass refractories which undergo the action of
 high temperatures and are in direct contact with molten
 glass, the size of grains should be finer and the most suitable
 fractions are as follows: (1) 0.5 mm., (2) 0.5 to 1.5 mm.,
 and (3) 1.5 to 2 mm. A diagram is given with 10 curves.
 Fuller for rounded grains, Lacey for angular grains,
 Rieke and Cloth for slightly rounded grains, and Blake
 and Clark for grains 0.2 mm. The curves are compared to
 the densify masses. A table is given for calculating the
 quantity of a plastic bond clay necessary to cover the sur-
 face of the grains and in such a way to establish the proper
 ratio of frog to clay. Twenty-eight literature sources are
 cited.

ACCESSION NR: AP4007441

S/0096/64/000/001/0053/0056

AUTHOR: Zhukovskiy, G. V. (Engineer)

TITLE: Experimental investigation of radial flow in turbine stages

SOURCE: Teploenergetika, no. 1, 1964, 53-56

TOPIC TAGS: turbine flow, turbine, turbine stage, turbine flow loss, radial flow, cylindrical flow, conical flow

ABSTRACT: An experimental investigation has been made of the flow characteristics in turbine stages with D_{av}/l from 3.8 to 5, l/b from 1.3 to 2.0, and cone angles in the flow circulating side from zero up to 23° , at subcritical flow velocities. To check the experimental results, the data were compared with two groups of calculations using the axisymmetric vortex motion equations along a streamline and a simpler equation, assuming cylindrical flow in the cylindrical section and conical in the conical section. The results show that the flow can be considered conical in the conical flow section and cylindrical in the cylindrical geometry (zero cone angle) and that the difference between the more complicated, but exact approach (vortex flow along a streamline) and the simpler method are negligibly small.

Card 1/2

ACCESSION NR: AP4007441

Orig. art. has: 9 equations, 5 figures, and 1 table.

ASSOCIATION: Tsentral'nyy kotloturbinnyy institut (Central Foiler and Turbine Institute)

SUBMITTED: 00

DATE ACQ: 23Jan64

ENCL: 00

SUB CODE: PR

NO REF SOV: 005

OTHER: 000

Card 2/2

ZHUKOVSKIY, G.V., inzh.

Consideration of radial overflow in a turbine stage. Teploenergetika
9 no.8:47-51 Ag '62. (MIRA 15:7)

1. Tsentral'nyy kotloturbinnyy institut.
(Gas turbines)

ZHUKOVSKII, G. YU.,
I. F. KARPOV, Russ. 50,987, April 30, 1937.

Zhukovskii, G. Ya. GRANULOMETRIC COMPOSITION OF
GROG FOR THE DENSEST GLASS REFRACTORIES
1962. *UDSSR. Sbornik*, 1962, 14, 1, 10-15. 15 refs.
Contact in sieving it is not necessary to have a great number
of fractions; three will be enough: (1) fine < 0.25 mm.,
(2) average from 0.25 to 2 mm., and (3) coarse > 2 mm.
For those glass refractories which undergo the action of
high temperatures and are in direct contact with molten
glass, the size of grains should be finer and the most suitable
fractions are as follows: (1) 0.5 mm., (2) 0.5 to 1.5 mm.,
and (3) 1.5 to 2 mm. A diagram is given with curves:
Fuller for rounded grains, Litkov for acute angled grains,
Rieke and Giesli for slightly rounded grains, and Rieke
and Giesli for grains 0.2 mm. These curves correspond to
the densest masses. A table is given for calculating the
quantity of a plastic bond clay necessary to cover the sur-
face of grog grains and in such a way to establish the proper
ratio of grog to clay. Twenty-eight literature sources are
cited.

Zinkovskii, G. Yu. / **MANOMETRIC COMPOSITION OF GLASS FOR THE HIGHEST REFRACTIVE INDEX CHARACTER.** *Ukrain. Sposoby*, 1952, 10-11, 153-157. The control in sieving it is not necessary to have a great number of fractions; three will be enough: (1) fine < 0.25 μ m, (2) average from 0.25 to 2 μ m, and (3) coarse > 2 μ m. For those glass refractories which undergo the action of high temperatures and are in direct contact with molten glass, the size of grains should be finer and the most suitable fractions are as follows: (1) 0.5 μ m, (2) 0.5 to 1.5 μ m, and (3) 1.5 to 2 μ m. A diagram is given with 4 classes: Fuller for rounded grains, Liérov for acanthus-shaped grains, Rieke and Girth for slightly rounded grains, and Rieke and Girth for grains 0.2 μ m. These curves correspond to the densest masses. A table is given for calculating the quantity of a plastic body clay necessary to lower the surface of glass to the and in such a way to establish the proper ratio of glass to clay. Twenty-eight literature sources are cited.

Zapkovskii, G. Yu. GRANULOMETRIC COMPOSITION OF
 direct, and the content of particles of the size
 of fractions: three will be enough: (1) less than 0.25 mm,
 (2) average from 0.25 to 0.5 mm, and (3) more than 0.5 mm.
 For these glasses, which are in direct contact with silicon
 glass, the size of grains should be finer and the most suitable
 fractions are as follows: (1) 0.5 mm, (2) 0.5 to 1.5 mm,
 and (3) 1.5 to 2 mm. A diagram is given with the type
 of filler for rounded grains, diagram for acutangular grains,
 Ricker and Gieseler for slightly rounded grains, and Ricker
 and Gieseler for grains of 0.5 mm. Then curves are given for
 the density of the mixture. A table is given for determining the
 quantity of plastic clay necessary to cover the sur-
 face of grains and in such a way that the composition of the
 ratio of grains to clay will be right for the mixture in the
 direct.

ZHUKOVSKIY, G. Yu.

extra

Zhukovskiy, G. Yu. GRANULOMETRIC COMPOSITION OF
 GRES. *Dokl. Akad. Nauk SSSR*, 1932, 16: 17. (1932) (1932) (1932)
 content in saying it is not necessary to have a great number
 of fractions; three will be enough: (1) fine < 0.25 mm.,
 (2) average from 0.25 to 2 mm., and (3) coarse > 2 mm.
 For those glass refectories which undergo the action of
 high temperatures and are in direct contact with molten
 glass, the size of grains should be finer and the most suitable
 fractions are as follows: (1) 0.5 mm., (2) 0.5 to 1.5 mm.,
 and (3) 1.5 to 2 mm. A diagram is given with 4 curves:
 Fuller for rounded grains, Litkov for acute-angled grains,
 Rieke and Gault for slightly rounded grains, and Rieke
 and Gault for grains 0.5 mm. These curves correspond to
 the denser masses. A table is given for calculating the
 quantity of a plastic bond clay necessary to cover the sur-
 face of green grains and in such a way to establish the proper
 ratio of green to clay. Twenty-eight illustrated sources are
 cited.

ZHUKOVSKIY, G. Yu.

ZHUKOVSKIY, G. Yu. (1914-1973) was a Soviet
military leader and Marshal of the Soviet Union.
He played a key role in the Soviet victory in
World War II, particularly in the Battle of
Stalingrad and the Battle of Berlin. He was
also a prominent figure in the Soviet military
after the war, serving as the first Chief of
the General Staff of the Soviet Armed Forces.

Zhukovskii, G. Yu. GRANULOMETRIC COMPOSITION OF
 PROGS FOR THE MANUFACTURE OF GLASS REFRACTORIES. *Reference*
 FOR: *U.S. Pat. 2,817,192 (1958)*.
 control in sieving it is not necessary to have a great number
 of fractions; three will be enough: (1) fine < 0.25 mm.,
 (2) average from 0.25 to 2 mm., and (3) coarse > 2 mm.
 For those glass refractories which undergo the action of
 high temperatures and are in direct contact with molten
 glass, the size of grains should be finer and the most suitable
 fractions are as follows: (1) 0.5 mm., (2) 0.5 to 1.5 mm.,
 and (3) 1.5 to 2 mm. A diagram is given with 4 curves:
 Fuller for rounded grains, Litkov for angular grains,
 Rieke and Cieth for slightly rounded grains, and Rieke
 and Cieth for grains 0.2 mm. These curves correspond to
 the densest masses. A table is given for calculating the
 quantity of a plastic bond clay necessary to cover the sur-
 face of prog grains and in such a way to establish the proper
 ratio of prog to clay. Twenty-eight literature sources are
 cited.

Zhukovskii, G. Yu. REFRACTORIES FOR THE GLASS
INDUSTRY. State Scientific Institute of Glass and State
Publishing House of Technical Literature, Moscow, 1960.
pp. Price 6 k. 50 kopecks. Reviewed in J. Soc. Glass
Technol. 23, 81 (1960). This book represents a sym-
posium which consists of fourteen modern papers in which
the properties, preparation, and testing of refractories for
glassmaking are described.

A.E.S.

Glass

Formation of bubbles in Fourcault canal. G. V. ZHUKOVSKIY AND V. V. POLYAK. *Steklovoye Proiz.*, 1940, No. 2, 12-18; *Khim. Referat. Zhur.*, 1940, No. 7, 80; *Chem. Abs.*, 34, 5633 (1942).—In 223 samples of glass taken from nine machines, SO_2 , CO_2 , O_2 , CO and N_2 were determined. Air bubbles predominated in the samples investigated. The source of these bubbles was the refractory material of the Fourcault canal and boat. Denser refractories do not cause the formation of bubbles. Bubbles containing SO_2 and CO_2 were formed as the result of secondary decomposition of the residual carbonates and sulfates from the second heating of the glass batch. The number of bubbles in the glass mass can be decreased by changing the heating regime and the construction of the Fourcault canal so that no second heating of the glass batch is necessary. See *Ceram. Abs.*, 19 [3] 63 (1940).

A. C. S

General

Methods of Investigation of Ceramic Materials. Edited
by G. Yu. ZINOVSKIY, K. I. KULIK, AND N. K. AMRON-
SVICH. Gostizdat, Moscow and Leningrad, 1959. 370 pp.
Price 8.0 R. Reviewed in Khim. Referat. Zhur. 4 181
64 (1961). M.Ho.

cc

Outmaking crystalline glasses for the facing of the Moscow subway. G. Yu. Zhukovskii and B. V. Lyuliev. *Sovetsk. Materialy* 1937, No. 7, 80-6.—The tile must be white, and burned at 1180° to avoid deformations in the second burning. To obtain large crystals 80-25% (0.5-0.75 mol.) of ZnO should be used. The compn. of the glass plays no part. The SiO₂ content should be 1.0-2.0 mol.; that of B₂O₃, 0.3 mol. All components must be finely ground. Quartz grains may be 0.1-0.6 mm. in size. Moisture content is 1-5%. The frit is melted in crucibles or pots in a slightly oxidizing atm. at 1200°. The frit is ground in porcelain mills to a size of 0.1 mm. 30-4% of water and 0.5-2% of pigment are added. This glaze is applied mechanically or manually and is 1.5 mm. thick. The burning is done in a horizontal position in a slightly oxidizing atm.

E. H. S.

1ST AND 2ND CIPHERS		PROCESSING AND REPRODUCTION INDEX	
19			
<p><i>Co</i></p> <p>Manufacture of roseline glass in tank furnaces. G. Ye. Zhukovskii and V. V. Poliyak. Kholm. i Sverdlovsk. No. 12, 6-13 (1937).—It was found that: (1) acid glass to 6% are preferable for obtaining pure roseline glasses. (2) It is advisable to replace part of the Na_2O (from 2.0 to 2.5%) by K_2O, although not absolutely necessary. (3) A lower concn. of Se is preferable to a high one from the viewpoint of purity of the color. Twenty g. of Se is entirely sufficient for 100 kg. of glass mass. (4) An addn. of saltpeter is necessary. (5) The addn. of As has no marked results on the purity of color in the limits that in glasses having less Fe_2O_3. As is a sufficiently powerful agent to neutralize the effect of Fe. (6) The addn.</p>		<p>of Fe_2O_3 is very useful from the point of view of the stabilization of the color in subsequent thermal operations. (7) The glass should contain the least possible amount of Fe and any measure to lower its concn. (raw materials, refractories, etc.) is of the utmost importance. (8) The production of pure roseline glass requires a high temp., at least 1425°C, and a weakly oxidizing atm. (9) The effect of the type of tank furnace has not been studied; however, tanks of low depth are preferable. (10) Roseline glass is more suitable for pressed ware than for blown ware. (11) Repeated heating of the glass affects its color. (12) The annealing temp. of roseline glass should be from 475° to 480°. (13) A uniform distribution of temp. in the annealing furnace and a strict conformance to the curve of annealing are necessary. The following factors should be studied further: (a) effect of furnace type and size on the coloring of roseline glass; (b) quant. study of the ratios of various degrees of oxidation of Se in dependence on melting, working and annealing; (c) conditions for obtaining roseline colors in glass with a variable iron content; (d) effect of chlorides, particularly common salt, on the stabilization of roseline color.</p> <p>M. V. C.</p>	
ASB-15A METALLURGICAL LITERATURE CLASSIFICATION			
<p>10000 11000 12000 13000 14000 15000 16000 17000 18000 19000 20000 21000 22000 23000 24000 25000 26000 27000 28000 29000 30000 31000 32000 33000 34000 35000 36000 37000 38000 39000 40000 41000 42000 43000 44000 45000 46000 47000 48000 49000 50000 51000 52000 53000 54000 55000 56000 57000 58000 59000 60000 61000 62000 63000 64000 65000 66000 67000 68000 69000 70000 71000 72000 73000 74000 75000 76000 77000 78000 79000 80000 81000 82000 83000 84000 85000 86000 87000 88000 89000 90000 91000 92000 93000 94000 95000 96000 97000 98000 99000</p>		<p>10000 11000 12000 13000 14000 15000 16000 17000 18000 19000 20000 21000 22000 23000 24000 25000 26000 27000 28000 29000 30000 31000 32000 33000 34000 35000 36000 37000 38000 39000 40000 41000 42000 43000 44000 45000 46000 47000 48000 49000 50000 51000 52000 53000 54000 55000 56000 57000 58000 59000 60000 61000 62000 63000 64000 65000 66000 67000 68000 69000 70000 71000 72000 73000 74000 75000 76000 77000 78000 79000 80000 81000 82000 83000 84000 85000 86000 87000 88000 89000 90000 91000 92000 93000 94000 95000 96000 97000 98000 99000</p>	

1ST AND 2ND ORDER										PROCESSING AND PROPERTY INDEX									
1 2 3 4 5 6 7 8 9 10										11 12 13 14 15 16 17 18 19 20									
21 22 23 24 25 26 27 28 29 30										31 32 33 34 35 36 37 38 39 40									
41 42 43 44 45 46 47 48 49 50										51 52 53 54 55 56 57 58 59 60									
61 62 63 64 65 66 67 68 69 70										71 72 73 74 75 76 77 78 79 80									
81 82 83 84 85 86 87 88 89 90										91 92 93 94 95 96 97 98 99 100									
101 102 103 104 105 106 107 108 109 110										111 112 113 114 115 116 117 118 119 120									
121 122 123 124 125 126 127 128 129 130										131 132 133 134 135 136 137 138 139 140									
141 142 143 144 145 146 147 148 149 150										151 152 153 154 155 156 157 158 159 160									
161 162 163 164 165 166 167 168 169 170										171 172 173 174 175 176 177 178 179 180									
181 182 183 184 185 186 187 188 189 190										191 192 193 194 195 196 197 198 199 200									
201 202 203 204 205 206 207 208 209 210										211 212 213 214 215 216 217 218 219 220									
221 222 223 224 225 226 227 228 229 230										231 232 233 234 235 236 237 238 239 240									
241 242 243 244 245 246 247 248 249 250										251 252 253 254 255 256 257 258 259 260									
261 262 263 264 265 266 267 268 269 270										271 272 273 274 275 276 277 278 279 280									
281 282 283 284 285 286 287 288 289 290										291 292 293 294 295 296 297 298 299 300									
301 302 303 304 305 306 307 308 309 310										311 312 313 314 315 316 317 318 319 320									
321 322 323 324 325 326 327 328 329 330										331 332 333 334 335 336 337 338 339 340									
341 342 343 344 345 346 347 348 349 350										351 352 353 354 355 356 357 358 359 360									
361 362 363 364 365 366 367 368 369 370										371 372 373 374 375 376 377 378 379 380									
381 382 383 384 385 386 387 388 389 390										391 392 393 394 395 396 397 398 399 400									
401 402 403 404 405 406 407 408 409 410										411 412 413 414 415 416 417 418 419 420									
421 422 423 424 425 426 427 428 429 430										431 432 433 434 435 436 437 438 439 440									
441 442 443 444 445 446 447 448 449 450										451 452 453 454 455 456 457 458 459 460									
461 462 463 464 465 466 467 468 469 470										471 472 473 474 475 476 477 478 479 480									
481 482 483 484 485 486 487 488 489 490										491 492 493 494 495 496 497 498 499 500									
501 502 503 504 505 506 507 508 509 510										511 512 513 514 515 516 517 518 519 520									
521 522 523 524 525 526 527 528 529 530										531 532 533 534 535 536 537 538 539 540									
541 542 543 544 545 546 547 548 549 550										551 552 553 554 555 556 557 558 559 560									
561 562 563 564 565 566 567 568 569 570										571 572 573 574 575 576 577 578 579 580									
581 582 583 584 585 586 587 588 589 590										591 592 593 594 595 596 597 598 599 600									
601 602 603 604 605 606 607 608 609 610										611 612 613 614 615 616 617 618 619 620									
621 622 623 624 625 626 627 628 629 630										631 632 633 634 635 636 637 638 639 640									
641 642 643 644 645 646 647 648 649 650										651 652 653 654 655 656 657 658 659 660									
661 662 663 664 665 666 667 668 669 670										671 672 673 674 675 676 677 678 679 680									
681 682 683 684 685 686 687 688 689 690										691 692 693 694 695 696 697 698 699 700									
701 702 703 704 705 706 707 708 709 710										711 712 713 714 715 716 717 718 719 720									
721 722 723 724 725 726 727 728 729 730										731 732 733 734 735 736 737 738 739 740									
741 742 743 744 745 746 747 748 749 750										751 752 753 754 755 756 757 758 759 760									
761 762 763 764 765 766 767 768 769 770										771 772 773 774 775 776 777 778 779 780									
781 782 783 784 785 786 787 788 789 790										791 792 793 794 795 796 797 798 799 800									
801 802 803 804 805 806 807 808 809 810										811 812 813 814 815 816 817 818 819 820									
821 822 823 824 825 826 827 828 829 830										831 832 833 834 835 836 837 838 839 840									
841 842 843 844 845 846 847 848 849 850										851 852 853 854 855 856 857 858 859 860									
861 862 863 864 865 866 867 868 869 870										871 872 873 874 875 876 877 878 879 880									
881 882 883 884 885 886 887 888 889 890										891 892 893 894 895 896 897 898 899 900									
901 902 903 904 905 906 907 908 909 910										911 912 913 914 915 916 917 918 919 920									
921 922 923 924 925 926 927 928 929 930										931 932 933 934 935 936 937 938 939 940									
941 942 943 944 945 946 947 948 949 950										951 952 953 954 955 956 957 958 959 960									
961 962 963 964 965 966 967 968 969 970										971 972 973 974 975 976 977 978 979 980									
981 982 983 984 985 986 987 988 989 990										991 992 993 994 995 996 997 998 999 1000									
1001 1002 1003 1004 1005 1006 1007 1008 1009 1010										1011 1012 1013 1014 1015 1016 1017 1018 1019 1020									
1021 1022 1023 1024 1025 1026 1027 1028 1029 1030										1031 1032 1033 1034 1035 1036 1037 1038 1039 1040									
1041 1042 1043 1044 1045 1046 1047 1048 1049 1050										1051 1052 1053 1054 1055 1056 1057 1058 1059 1060									
1061 1062 1063 1064 1065 1066 1067 1068 1069 1070										1071 1072 1073 1074 1075 1076 1077 1078 1079 1080									
1081 1082 1083 1084 1085 1086 1087 1088 1089 1090										1091 1092 1093 1094 1095 1096 1097 1098 1099 1100									
1101 1102 1103 1104 1105 1106 1107 1108 1109 1110										1111 1112 1113 1114 1115 1116 1117 1118 1119 1120									
1121 1122 1123 1124 1125 1126 1127 1128 1129 1130										1131 1132 1133 1134 1135 1136 1137 1138 1139 1140									
1141 1142 1143 1144 1145 1146 1147 1148 1149 1150										1151 1152 1153 1154 1155 1156 1157 1158 1159 1160									
1161 1162 1163 1164 1165 1166 1167 1168 1169 1170										1171 1172 1173 1174 1175 1176 1177 1178 1179 1180									
1181 1182 1183 1184 1185 1186 1187 1188 1189 1190										1191 1192 1193 1194 1195 1196 1197 1198 1199 1200									
1201 1202 1203 1204 1205 1206 1207 1208 1209 1210										1211 1212 1213 1214 1215 1216 1217 1218 1219 1220									
1221 1222 1223 1224 1225 1226 1227 1228 1229 1230										1231 1232 1233 1234 1235 1236 1237 1238 1239 1240									
1241 1242 1243 1244 1245 1246 1247 1248 1249 1250										1251 1252 1253 1254 1255 1256 1257 1258 1259 1260									
1261 1262 1263 1264 1265 1266 1267 1268 1269 1270										1271 1272 1273 1274 1275 1276 1277 1278 1279 1280									
1281 1282 1283 1284 1285 1286 1287 1288 1289 1290										1291 1292 1293 1294 1295 1296 1297 1298 1299 1300									
1301 1302 1303 1304 1305 1306 1307 1308 1309 1310										1311 1312 1313 1314 1315 1316 1317 1318 1319 1320									
1321 1322 1323 1324 1325 1326 1327 1328 1329 1330										1331 1332 1333 1334 1335 1336 1337 1338 1339 1340									
1341 1342 1343 1344 1345 1346 1347 1348 1349 1350										1351 1352 1353 1354 1355 1356 1357 1358 1359 1360									
1361 1362 1363 1364 1365 1366 1367 1368 1369 1370										1371 1372 1373 1374 1375 1376 1377 1378 1379 1380									
1381 1382 1383 1384 1385 1386 1387 1388 1389 1390										1391 1392 1393 1394 1395 1396 1397 1398 1399 1400									
1401 1402 1403 1404 1405 1406 1407 1408 1409 1410										1411 1412 1413 1414 1415 1416 1417 1418 1419 1420									
1421 1422 1423 1424 1425 1426 1427 1428 1429 1430										1431 1432 1433 1434 1435 1436 1437 1438 1439 1440									
1441 1442 1443 1444 1445 1446 1447 1448 1449 1450										1451 1452 1453 1454 1455 1456 1457 1458 1459 1460									
1461 1462 1463 1464 1465 1466 1467 1468 1469 1470										1471 1472 1473 1474 1475 1476 1477 1478 1479 1480									
1481 1482 1483 1484 1485 1486 1487 1488 1489 1490										1491 1492 1493 1494 1495 1496 1497 1498 1499 1500									
1501 1502 1503 1504 1505 1506 1507 1508 1509 1510										1511 1512 1513 1514 1515 1516 1517 1518 1519 1520									
1521 1522 1523 1524 1525 1526 1527 1528 1529 1530										1531 1532 1533 1534 1535 1536 1537 1538 1539 1540									
1541 1542 1543 1544 1545 1546 1547 1548 1549 1550										1551 1552 1553 1554 1555 1556 1557 1558 1559 1560									
1561 1562 1563 1564 1565 1566 1567 1568 1569 1570										1571 1572 1573 1574 1575 1576 1577 1578 1579 1580									
1581 1582 1583 1584 1585 1586 1587 1588 1589 1590										1591 1592 1593 1594 1595 1596 1597 1598 1599 1600									
1601 1602 1603 1604 1605 1606 1607 1608 1609 1610										1611 1612 1613 1614 1615 1616 1617 1618 1619 1620									
1621 1622 1623 1624 1625 1626 1627 1628 1629 1630										1631 1632 1633 1634 1635 1636 1637 1638 1639 1640									
1641 1642 1643 1644 1645 1646 1647 1648 1649 1650										1651 1652 1653 1654 1655 1656 1657 1658 1659 1660									
1661 1662 1663 1664 1665 1666 1667 1668 1669 1670										1671 1672 1673 1674 1675 1676 1677 1678 1679 1680									
1681 1682 1683 1684 1685 1686 1687 1688 1689 1690										1691 1692 1693 1694 1695 1696 1697 1698 1699 1700									
1701 1702 1703 1704 1705 1706 1707 1708 1709 1710										1711 1712 1713 1714 1715 1716 1717 1718 1719 1720									
1721 1722 1723 1724 1725 1726 1727 1728 1729 1730										1731 1732 1733 1734 1735 1736 1737 1738 1739 1740									
1741 1742 1743 1744 1745 1746 1747 1748 1749 1750										1751 1752 1753 1754 1755 1756 1757 1758 1759 1760									
1761 1762 1763 1764 1765 1766 1767 1768 1769 1770										1771 1772 1773 1774 1775 1776 1777 1778 1779 1780									
1781 1782 1783 1784 1785 1786 1787 1788 1789 1790										1791 1792 1793 1794 1795 1796 1797 1798 1799 1800									
1801 1802 1803 1804 1805 1806 1807 1808 1809 1810										1811 1812 1813 1814 1815 1816 1817 1818 1819 1820									
1821 1822 1823 1824 1825 1826 1827 1828 1829 1830										1831 1832 1833 1834 1835 1836 1837 1838 1839 1840									
1841 1842 1843 1844 1845 1846 1847 1848 1849 1850										1851 1852 1853 1854 1855 1856 1857 1858 1859 1860									
1861 1862 1863 1864 1865 1866 1867 1868 1869 1870										1871 1872 1873 1874 1875 1876 1877 1878 1879 1880									
1881 1882 1883 1884 1885 1886 1887 1888 1889 1890										1891 1892 1893 1894 1895 1896 1897 1898 1899 1900									
1901 1902 1903 1904 1905 1906 1907 1908 1909 1910										1911 1912 1913 1914 1915 1916 1917 1918 1919 1920									
1921 1922 1923 1924 1925 1926 1927 1928 1929 1930										1931 1932 1933 1934 1935 1936 1937 1938 1939 1940									
1941 1942 1943 1944 1945 1946 1947 1948 1949 1950										1951 1952 1953 1954 1955 1956 1957 1958 1959 1960									
1961 1962 1963 1964 1965 1966 1967 1968 1969 1970										1971 1972 1973 1974 1975 1976 1977 1978 1979 1980									
1981 1982 1983 1984 1985 1986 1987 1988 1989 1990										1991 1992 1993 1994 1995 1996 1997 1998 1999 2000									
2001 2002 2003 2004 2005 2006 2007 2008 2009 2010										2011 2012 2013 2014 2015 2016 2017 2018 2019 2020									
2021 2022 2023 2024 2025 2026 2027 2028 2029 2030										2031 2032 2033 2034 2035 2036 2037 2038 2039 2040									
2041 2042 2043 2044 2045 2046 2047 2048 2049 2050										2051 2052 2053 2054 2055 2056 2057 2058 2059 2060									
2061 2062 2063 2064 2065 2066 2067 2068 2069 2070										2071 2072 2073 2074 2075 2076 2077 2078 2079 2080									
2081 2082 2083 2084 2085 2086 2087 2088 2089 2090										2091 2092 2093 2094 2095 2096 2097 2098 2099 2100									
2101 2102 2103 2104 2105 2106 2107 2108 2109 2110										2111 2112 2113 2114 2115 2116 2117 2118 2119 2120									
2121 2122 2123 2124 2125 2126 2127 2																			

<p>minutes and seeds in glass melted in tank furnace. G. Yu. Zhukovskii and V. V. Polyak. <i>Steklovarn. Prom.</i> 14, No. 7, 11-14 (1968). The formation of bubbles and seeds in glass melted by the Pourcault method in Russia is discussed. M. V. Combs</p>		19
<p>ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION</p>		
<p>GROUP SYMBOLS</p>		<p>GROUP SYMBOLS</p>
<p>GROUPS</p>		<p>GROUPS</p>

1ST AND 2ND GROUPS		PROCESS AND PROPERTIES INDEX		3RD AND 4TH GROUPS	
<p>CA</p> <p>Factors influencing the formation of bubbles and sands in aluminomagnesia glass melted in a sulfate soda batch. G. Yu. Zhukovskii, V. V. Polyak and M. P. Orlova. <i>Sibiriyskaya Promst.</i> 14, No. 6, 20-30 (1939); cf. C. A. 33, 1894. The results of expts. show that (1) The addn. of sulfate to the batch of an aluminomagnesia glass (corresponding to 0.5% Na₂O in the glass) improves purification. (2) The addn. of sulfate and coal at first affects purification but later improves it. (3) The increase of the concn. of SO₂ in the furnace atm. hampers purification. (4) Severe cooling lowers the no. of bubbles. (5) Repeated heating of sulfate glass after cooling produces "secondary" bubbles whose quantity is proportional to the sulfate content in the glass batch. (6) The increase of the concn. of SO₂ in the furnace atm. increases the amt. of the sulfate dissolved in the glass. M. V. Condole</p>					
<p>ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION</p>					
100000 00		100000 00		100000 00	
100000 00		100000 00		100000 00	

TEST AND TYP. ORDER										PROCESS AND PROPERTIES INDEX										MID AND SYN. ORDER																																																																																									
<p>19</p> <p>Briquetting glass batch. G. Ya. Zhukovskii and A. S. Pryanishnikov. <i>Nauch.-Tekhn. Tsel. Sluza</i> No. 1, <i>Sobremenniki</i> 42-64(1934).—Briquetting of batch does not accelerate the rate of melting and does not prevent the ...pn. of the batch into component parts. The best conditions for obtaining stable briquets of a lime-soda glass-batch are: (a) a pressure of 750 kg./sq. cm. with 4% moisture and (b) the introduction of potash and slaked lime simultaneously with the soda. Crystn. processes occur which affect the stability of briquets during storing.</p> <p>M. V. Krendelova</p>																																																																																																													
<p>ASB-5LA METALLURGICAL LITERATURE CLASSIFICATION</p>																																																																																																													
<table border="1"> <thead> <tr> <th colspan="10">FROM SYMBOL</th> <th colspan="10">INTROD. MAP. ONLY ONE</th> <th colspan="10">CRYSTALLINE</th> <th colspan="10">FROM SYMBOL</th> </tr> </thead> <tbody> <tr> <td colspan="10">1 2 3 4 5 6 7 8 9 10</td> <td colspan="10">1 2 3 4 5 6 7 8 9 10</td> <td colspan="10">1 2 3 4 5 6 7 8 9 10</td> <td colspan="10">1 2 3 4 5 6 7 8 9 10</td> </tr> </tbody> </table>																														FROM SYMBOL										INTROD. MAP. ONLY ONE										CRYSTALLINE										FROM SYMBOL										1 2 3 4 5 6 7 8 9 10										1 2 3 4 5 6 7 8 9 10										1 2 3 4 5 6 7 8 9 10										1 2 3 4 5 6 7 8 9 10									
FROM SYMBOL										INTROD. MAP. ONLY ONE										CRYSTALLINE										FROM SYMBOL																																																																															
1 2 3 4 5 6 7 8 9 10										1 2 3 4 5 6 7 8 9 10										1 2 3 4 5 6 7 8 9 10										1 2 3 4 5 6 7 8 9 10																																																																															

CA

The formation of bubbles in the Pourbaix canal. G. Yu. Zhukovskii and V. V. Pulyak. *Nobel'skiy Priz* 1940, No. 3, 12-16; *Khim. Referat. Zhur.* 1940, No. 7, 10; cf. *C. A.* 34, 1140. — In 222 samples of glass taken from 9 machines SO_2 , CO_2 , O_2 , CO and N were detd. Air bubbles predominated in the samples investigated. The source of these bubbles was the refractory material of the Pourbaix canal and heat. Dense refractories do not cause the formation of bubbles. Bubbles consisting of H_2 and CO_2 were formed as the result of secondary decomposition of the residual carbonates and sulfates from the 2nd heating of the glass batch. The no. of bubbles in the glass mass can be decreased by changing the heating regime and the construction of the Pourbaix canal so that no 2nd heating of the glass batch is necessary. W. H. Himm

19

1ST AND 2ND COLUMNS										3RD AND 4TH COLUMNS									
PROCESS AND PROPERTIES INDEX																			
<p>Conditions producing the separation of the glass batch into component parts. O. Yu. Zhukovskii and B. Z. Zhitomirskaya. <i>Nauch.-Tekhnol. Inst. Stokh. No. 1, Shtetshkha 22-41(1934)</i>.—Factors influencing the sepn. of the glass batch into component parts of glass melted in Fourcault machines, such as granulometric compn. of the batch, its moisture and vertical fall of the batch, were studied. It was found that: (1) the ratio between the grain sizes of sep. components is the chief factor affecting the sepn.; (2) the approximation of these values sharply decreases the danger of sepn.; (3) glass batches with coarse grains sep. more easily than those with finer grains; (4) moisture has little effect on the sepn. into component parts; (5) a perpendicular drop of the glass batch promotes the sepn. into component parts.</p> <p>M. V. Kondol'dy</p>																			
METALLURGICAL LITERATURE CLASSIFICATION																			
1ST AND 2ND COLUMNS										3RD AND 4TH COLUMNS									

R

Zakrevskii, G. Ya. GRANULOMETRIC COMPOSITION OF GROG FOR THE DENSEST GLASS-REFRACTORIES MANUFACTURE. *Ukrain. Silibaty*, 1952 [6-7] 133-35.—For control in sieving it is not necessary to have a great number of fractions; there will be enough: (1) fine < 0.25 mm., (2) average from 0.25 to 2 mm., and (3) coarse > 2 mm. For those glass refractories which undergo the action of high temperatures and are in direct contact with molten glass, the size of grains should be finer and the most suitable fractions are as follows: (1) 0.5 mm., (2) 0.5 to 1.5 mm., and (3) 1.5 to 2 mm. A diagram is given with 4 curves: Fuller for rounded grains, Litzov for acute-angled grains, Rieke and Giehl for slightly rounded grains, and Rieke and Giehl for grains 0.2 mm. These curves correspond to the densest masses. A table is given for calculating the quantity of a plastic bond clay necessary to cover the surface of grog grains and in such a way to establish the proper ratio of grog to clay. Twenty-eight literature sources are cited.

1ST AND 2ND LETTER	3RD LETTER	4TH AND 5TH LETTER	6TH LETTER
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z	A B C D E F G H I J K L M N O P Q R S T U V W X Y Z	A B C D E F G H I J K L M N O P Q R S T U V W X Y Z	A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Zhukovskii, G. Ya. REFRACTORIES FOR THE GLASS INDUSTRY. State Scientific Institute of Glass and State Publishing House of Light Industry, U.S.S.R., 1938. 100 pp. Price 5 R. 80 kopecks. Reviewed in *J. Soc. Glass Technol.*, 23, 61 (1939).—This book represents a symposium which consists of fourteen modern papers, in which the properties, preparation, and testing of refractories for glassmaking are described.

1ST AND 2ND LETTER	3RD LETTER	4TH AND 5TH LETTER	6TH LETTER
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z	A B C D E F G H I J K L M N O P Q R S T U V W X Y Z	A B C D E F G H I J K L M N O P Q R S T U V W X Y Z	A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

ZHUKOVSKIY, I.K.

Left strangulated inguinoscrotal hernia with gangrenous appendicitis.
Zdrav. Bel. 7 no.12:61 D '61. (MIRA 15:2)

1. Iz Rudenskoy gorposelkovoy bol'nitsy (glavnyy vrach V.I.Sidorik).
(HERNIA) (APPENDICITIS)

ZHUKOVSKII, IA. M. (ed.)

RT-1316 /A Uniform Tempo in Railroad Freight-Handling and Line Operations(based on the practice of the Moscow-Donbas Railroad)/ Moscow, 1950.
(Original Russian source unavailable for review. Translation does not include illustrations)

ZHUKOVSKIY, I.M. vrach (Belgorod)

Lung cancer and smoking. Med.sestra 17 no.11:23-26 '58 (MIRA 11:11)

(LUNG--CANCER)

(TOBACCO--PHYSIOLOGICAL EFFECT)

ZHUKOVSKIY, I.T., inzh.

Eliminate causes for electric hazards in drill wells. Bezop.
truda v prom. 4 no.12:16 D '60. (MIRA 14:1)

1. Sredne-Volzhskoye geologoupravleniye.
(Electricity in mining—Safety measures)

ZHUKOVSKIY, K., inzh.

Power driven drop riser for transporting bricks. Stroi. mat. 4
no.1:28-29 Ja '58. (MIRA 11:2)
(Bricks--Transportation)

ZHUKOVSKIY, K.

MYASHNIKOV, M.; ZHUKOVSKIY, K.

A unified heat flow. Stroimaterialy, izdel. i konstr. 1 no.7:20 J1'55
(MIRA 8:11)

1. Direktor Mogilevskogo kirpichnogo zavoda no.8 (for Myasnikov)
2. Glavnyy inzhener Mogilevskogo kirpichnogo zavoda no.8 (for Zhukovskiy)

(Brickmaking)

1. ZHUKOVSKIY, K.
2. USSR (600)
4. Agricultural Machinery
7. Overall mechanization of operations on rice farms. Sot.sel'khoz. 23 no. 12, 1952.

9. Monthly List of Russian Accessions, Library of Congress, March 1953, Unclassified.

ZHUKOVSKIY, K. A.

Useful rocks and minerals in the region of the Tshernigov Polëssie.
Kyiv, Vyd-vo Ukrains'koi akademii nauk, 1935. 112 p. (Ukrains'ka
akademiia nauk. Trudy Instytutu geolohii, vyp. 4.)

ZHUKOVSKIY, K. A.

Pyrophyllite schists of the Ukr. SSR. Kyiv, Vyd-vo Akademii nauk URSR,
1937. 106 p. (50-45468)

TN948.78525

ZHUKOVSKIY, K.A., agronom-ekonomist (Krasnodar)

Using irrigated lands in row crop cultivation. Gidr. i mel. 14 no.7:
22-28 JI '62. (MIRA 17:2)

ZHUKOVSKIY, K.A., agronom-ekonomist (Krasnodar)

Utilization of waste waters as an important source in irrigation farming. Gidr. i mel. 15 no.7:29-34. JI. 163.
(MIRA 16:8)

RUSYAYEV, I.P., inzhener; KRECHKO, P.Ya.; ZHUKOVSKIY, K.A., agronom.

Experience in growing rice with periodical irrigation without
flooding. Gidr.i mel. 6 no.4:9-14 Ap '54. (MLRA 7:5)
(Rice) (Irrigation farming)

ZHUKOVSKIY, K.A., agronom-ekonomist (g.Krasnodar)

Farm cooperation in land reclamation. Gidr.i mel. 13 no.7:16-19
Jl '61. (MIRA 14:7)
(Krasnodar Territory—Reclamation of land—Economic aspects)

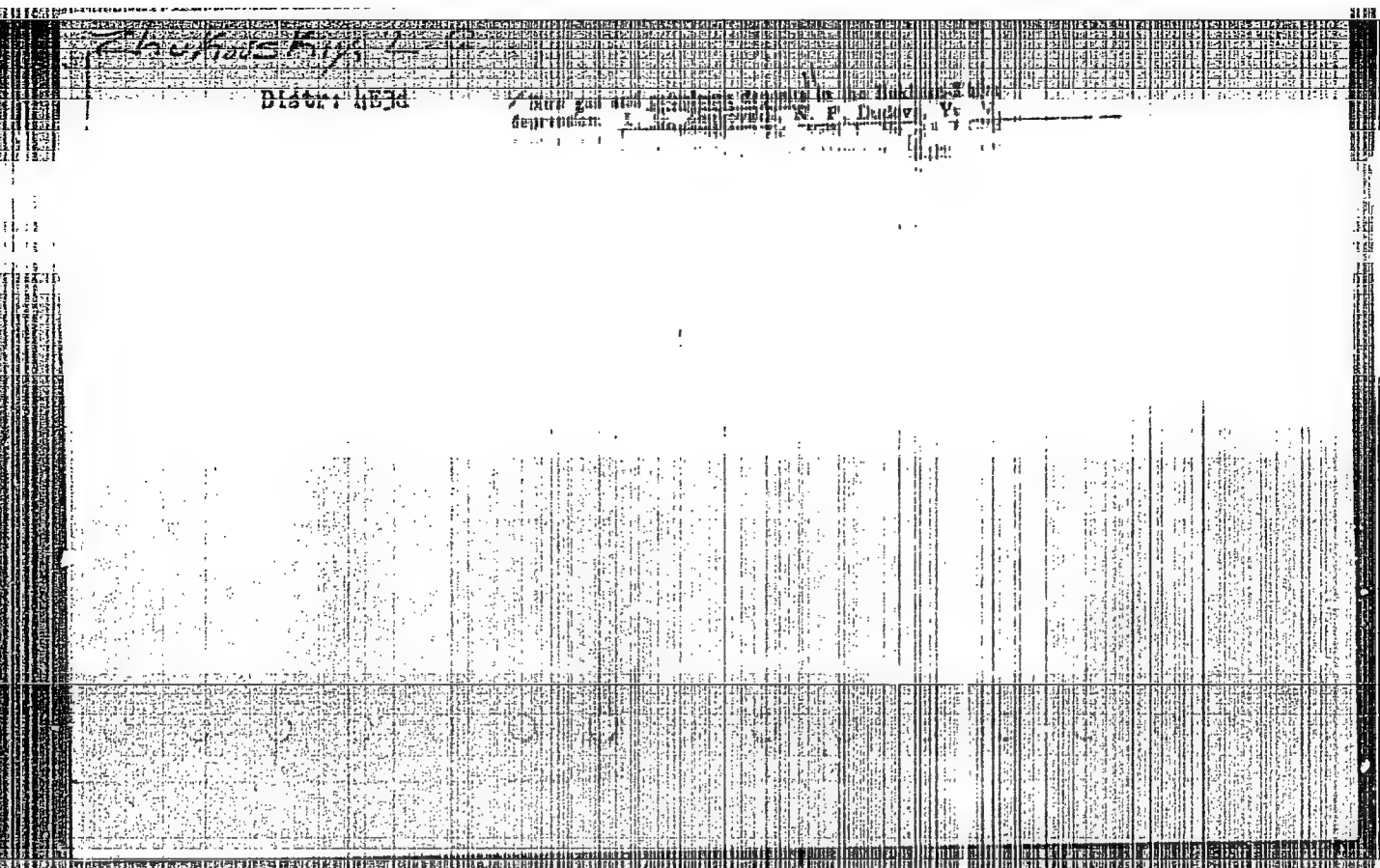
ZHUKOVSKIY, K.N., inshener; NOVICHKOV, M.D., inshener; RAYSKIY, S.D., inzhener.

Inclined or vertical paning of skylights. Stroi.prom. 35 no.2:41
P. '57. (MIRA 10:3)

1. Giproavtoprom.
(Skylights)

GAR'KOVETS, V.G.; ZHUKOVSKIY, L.G.; POPOV, A.I.; KOCHNEV, Ye.A.; POPOV, V.I.;
PETROV, N.P.

Importance of facial-paragenetic dissection of series in facial-
paleogeographic, determinative, and detailed prospecting in Central
Asia. Izv. AN Uz.SSR. Ser. geol. no.1:13-16 '57. (MIRA 11:9)
(Soviet Central Asia--Geology, Stratigraphic) (Prospecting)



ZHUKOVSKIY, L.G.; KUDRYASHOV, Ye.V.

Gazli, a new large oil-and-gas field in the Uzbek S.S.R. Sov.
geol. 1 no.11:154-155 N '58. (MIRA 12:4)

1. Treat Uzbekneftegasorazvedka Glavgeologii Uzbekskoy SSR.
(Uzbekistan--Oil fields)

3(5)

PHASE I BOOK EXPLOITATION

SOV/2678

Dikenshteyn, G. Kh., L. G. Zhukovskiy, M.I. Zaydel'son, V.D. Il'in,
Yu. V. Kayesh, and I.V. Petrov

Gazlinskoye gazoneftyanoye mestorozhdeniye (Gazli Oil and Gas
Fields) Moscow, Gostoptekhizdat, 1959. 44 p. 800 copies printed.

Exec. Ed.: A. I. Zaretskaya; Tech. Ed: I. G. Fedotova.

PURPOSE: This booklet is intended for technical personnel of the
petroleum and chemical industries.

COVERAGE: This booklet describes the geologic structure (strati-
graphy and tectonics) of the Gazli gas and oil fields and in-
cludes the results of exploratory test drilling. Characteristics
of productive horizons and certain specifications of oil-and gas-
bearing possibilities of the Mesozoic deposits, as well as pre-
liminary estimates of gas reserves, are given. The materials
presented are based on the most recent data obtained in 1957-1958.
No references are given.

Card 1/2

VASIL'YEV, V.G.; DENISEVICH, V.V.; DIKENSHTEYN, G.Kh.; ZUBOV, I.P.;
YEROFEYEV, N.S.; ZHUKOVSKIY, L.G.; MAKSIMOV, S.P.

Role of the natural gas reserves of the Central Asian republics
in solving the problems of increasing the over-all gas
production of the U.S.S.R. Geol.nefti i gara 6 no. 11:1-8
N '62. (MIRA 15:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut prirodnykh
gazov, Turkmenneft', Vsesoyuznyy nauchno-issledovatel'skiy
geologorazvedochnyy neftyanoy institut, Glavnoye upravleniye
gazovoy promyshlennosti SSSR, Glavnoye upravleniye geologii
i okhrany nedr pri Sovete minisyrov UzSSR, i Ministerstvo
geologii i okhrany nedr SSSR.

GABRIELYANTS, G. A.; DENISEVICH, V. V.; DIKENSHTAYN, G. KH.; ZHUKOVSKIY, L. G.;
ZUBOV, I. P.; IMASHEV, N. U.; MASHRYKOV, K. K.; SEMENOVICH, V. V.

"Oil- and gas deposits in mesozoic rocks of the Epi-Hercynian Platform
in Middle Asia."

report submitted for 22nd Sess, Intl Geological Cong, New Delhi, 14-22 Dec
1964.

GAR'KOVETS, V.G.; DIKENSHTeyN, G.Kh.; YENIKHEYEV, P.N.; ZHUKOVSKIY, L.G.;
ZUBOV, I.P.; IL'IN, V.D.; KAYESH, Yu.V.; TAL'-VIEKII, B.B.

Trends in geologic prospecting for oil and gas in the Uzbek S.S.R.
Trudy VNIIGNI no.35:7-26 '61. (MIRA 16:7)
(Uzbekistan--Petroleum geology)
(Uzbekistan--Gas, Natural--Geology)

ABRINKOSOV, I.A., BEGISHEV, F.A., DEMISEVICH, V.V., ZHUKOVSKII, L.G.,
KALININ, N.A., MIRCHINK, M.F., MUSTAFINOV, A.N., KALIVKIN, V.D.
OGANESOV, O.N., ROVKIN, L.I., TROFIMUK, A.A.,

"New oil and gas regions in the USSR"

Abstract. In the introductory part of the report the progress in geological oil and gas exploration work in the USSR, objectives of oil and gas industry in the current Seven-Year Plan and in connection with the perspective plan up to 1980 inclusive have been briefly described. Further, characteristics of new oil and gas regions and new fields have been cited. New oil and gas regions of the Permian Pre-Ural, Bashkir ASSR, Tatar ASSR, Azerbaijan SSR, western part of Kazakh SSR, Turkmen SSR, Uzbek SSR, Siberia and the Far East, have been reviewed. Tectonic position of each of these regions as well as their stratigraphic characteristics and specific features of oil and gas bearing capacity have been considered. A brief description of some newly discovered oil and gas fields from the point of view of their position in the general tectonic plan have been given; a brief lithologic characteristic of rocks-collectors and conditions of occurrence of oil and gas (types of traps) has been brought in. The report points out the importance of each new oil and gas area and separate fields in the light of perspectives of further geological exploration work and increase in oil and gas production.

report to be submitted for the 6th World Petroleum Congress, Frankfurt, West Germany, 19-26 June 1963

ALIYEV, I.M.; ARZHEVSKIY, G.A.; BORISOV, A.A.; GABRIELYANTS, G.A.;
DENISEVICH, V.V.; DIKENSHEYN, G.Kh., doktor geol.-miner. nauk;
ZHUKOVSKIY, L.G.; IL'IN, V.D.; KAYESH, Yu.V.; KRAYCHENKO,
N.Ye.; REZVOY, D.P.; SEMENOVICH, V.V.; TAL'-VIRSKIY, B.B.;
SHEBUYEVA, I.N.; IONEL', A.G., ved.red.; VORONOVA, V.V., tekhn.
red.

[Tectonics, and oil and gas potentials of the western regions
of Central Asia] Tektonika i neftegazonost' zapadnykh raionov
Srednei Azii. Pod red. G.Kh.Dikenshteina. Moskva, Gostop-
tekhizdat, 1963. 309 p. (MIRA 16:7)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy geologoraz-
vedochnyy neftyanoy institut.

(Soviet Central Asia--Petroleum geology)

(Soviet Central Asia--Gas, Natural--Geology)

AKRAMKHODZHAYEV, A.M., red.; BABAYEV, A.G., doktor geol.-mat. nauk, red.; RYZHKOV, O.A., doktor geol.-mat. nauk, red.; TULYAGANOV, Kh.T., red.; ZHUKOVSKIY, L.G., red.; KANASH, O.A., red.; NURATDINOVA, M., red.; KARABAYEVA, Kh.U., tekhn. red.

[Problems of geology, and oil and gas potentials of western Uzbekistan and the Kara-Kalpak A.S.S.R.] Voprosy geologii i nef-tegazonosnosti Zapadnogo Uzbekistana i Karakalpakii; trudy vyezdnoi sessii otdeleniia geologicheskikh nauk AN UzSSR v g. Bukhara. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1962. 167 p. (MIRA 16:4)

1. Akademiya nauk Uzbekskoy SSR, Tashkent. Institut geologii i razrabotki neftyanykh i gazovykh mestorozhdeniy, 2. Chlen-korrespondent Akademii nauk Uzbekskoy SSR (for Akramkhodzhaev). (Uzbekistan--Petroleum geology)
(Uzbekistan--Gas, Natural--Geology)

GAR'KOVETS, V.G.; DIKENSHTYN, G.Kh.; YENIKYEV, P.N.; ZHUKOVSKIY,
L.G.; ZUBOV, I.P.; IL'IN, V.D.; KAYESH, Yu.V.; TAL'-VIRSKIY, B.B.

Problem of prospecting for oil in western Uzbekistan. Geol.
nefti i gaza 5 no.7:7-12 J1 '61. (MIRA 14:9)

1. Ministerstvo geologii i okhrany nedr SSSR, Glavnoye
geologo-razvedochnoye upravleniye Uzbekskoy SSR i Vsesoyuznyy
nauchno-issledovatel'skiy geologorazvedochnyy neftyanoy
institut.

(Uzbekistan—Petroleum geology)
(Uzbekistan—Gas, Natural—Geology)

DIKENSHTEYN, G.Kh.; ZHUKOVSKIY, L.G.; IL'IN, V.D.; KAYESH, Yu.V.; GRACHEV,
G.I.; SOTIRIADI, K.A.

Basic features of the geology of the Bukhara-Khiva oil- and gas-
bearing area. Trudy VNIGNI no.30:3-22 '61. (MIRA 14:9)
(Uzbekistan--Petroleum geology) (Uzbekistan--Gas, Natural--Geology)

DIKENSHTeyN, G.Kh.; ZHUKOVSKIY, L.G.; IL'IN, V.D.; KAYESH, Yu.V.; PETROV, I.V.;
SOTIRIADI, K.A.

Geology and the oil and gas potentials of the Gazli field. Trudy
VNIGNI no.30:38-63 '61. (MIRA 14:9)
(Gazli region--Petroleum geology) (Gazli region--Gas, Natural--Geology)

ALIYEV, I.M.; BELYAKOVA, G.M.; DIKENSHEYN, G.Kh.; ZHUKOVSKIY, L.G.; IL'IN,
V.D.; KAYESH, Yu.V.; LEVINA, Ye.Ye.; SOTIRIADI, K.A.; KHON, A.V.

Some results of the study of the geology of the Neogene and Qua-
ternary movements of closed areas of western Uzbekistan using the
method of geological mapping of the Pre-Neogene surface. Trudy
VNIGNI no.30:64-72 '61. (MIRA 14:9)

(Uzbekistan--Geology, Structural)

DENISEVICH, V.V.; DIKENSHTYIN, G.Kh.; ZHUKOVSKIY, L.G.; SEMENOVICH,
V.V.; SOKOLOV, I.P.

Basic results of prospecting for petroleum and gas in the
Central Asian republics. Geol. nefti i gaza 5 no.10:11-17
0 '61. (MIRA 14:9)

1. Ob'yedineniye Turkmenneft'; Vsesoyuznyy nauchno-issledova-
tel'skiy geologorazvedochnyy neftyanoy institut; Glavnoye up-
ravleniye geologii i okhrany neдр pri Sovete Ministrov Uzbekskoy
SSR; Upravleniye geologii i okhrany neдр pri Sovete Ministrov
Turkmeniskoy SSR i Sovnarkhoz Uzbekskoy SSR.

(Soviet Central Asia--Petroleum geology)
(Soviet Central Asia--Gas, Natural--Geology)

BABAYEV, A.G.; ZHUKOVSKIY, L.G.; LEBZIN, Ye.V.; KAYESH, Yu.V.

Types of oil and gas accumulations in regions of western and southern Uzbekistan. Geol. nefti i gaza 5 no. 1:18-25 Ja '61.

1. Institut geologii i razrabotki neftyanykh i gazovykh mestorozhdeniy AN UzSSR, i Trést Uzbekneftegazrazvedka.

(Uzbekistan—Petroleum geology)

(Uzbekistan—Gas, Natural—Geology)

BORISOV, Aleksandr Aleksandrovich; VASIL'YEV, Viktor Grigor'yevich;
ZHUKOVSKIY, Leonid Grigor'yevich; KAYESH, Yuriy Vladimirovich;
SEMNENOVICH, Vladimir Vladimirovich; GRATSIANOVA, O.F., red.;
DEMENT'YEVA, G.A., vedushchiy red.; GANINA, L.V., tekhn.red.

[Studies of the geology, and oil and gas potentials of Central Asia] Ocherki geologicheskogo stroeniia i neftegazonosnost' Srednei Azii. Moskva, Gos.nauchno-tekhn.isd-vo neft. i gornopliynoi lit-ry, 1960, 174 p. (MIRA 13:11)

(Soviet Central Asia--Petroleum geology)

(Soviet Central Asia--Gas, Natural--Geology)

MIKHAYLOV, Ivan Yefimovich; IL'CHENKO, Aleksey Ignat'yevich; PRAVNICHENKO, A., inzh., ratsenzent; ZHUKOVSKIY, L., inzh., ratsenzent; SCHOKA, M.S., red.

[Reducers for mining machinery] Reduktory shakhtnykh mashin.
Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959.
254 p. (MIRA 13:5)
(Mining machinery) (Gearing)

ZHUKOVSKIY, L. I.

28579

Alyeksandr Yakovlyevich Danilyevskiy (Bickhimik K 110- Lyetnyu So Dnya Razhdyeniya)
Vrachyeb Dyelo, 1949, No. 9 STB 843-46
Syevyerin, S. Ye I Yudayev, N. A. Sodyerzhaniye Karnozina I Ansyerinav Myshtskh
Pozvonochnykh V Razlichnyye Stadii Ontogiyenyeza Sm. 28332
K. 100-Lyetiyu So Dnya Pozhcyennya I. P. Pavlova

SO: LETOPIS NO. 38

ZHUKOVSKIY, L.I.

Aleksandr Iakovlevich Danilevskii and his role in the development of
contemporary biochemistry. Ukr.biokhim.zhur. 22 no.2:224-228 '50.
(MIRA 9:9)

1. Kafedra biologicheskoy khimii Kiyevskogo ordena Trudovogo Krasnogo
Znameni meditsinskogo instituta imeni akademikn A.A.Bogomol'tsa.
(DANYLEVS'KYI, OLEKSANDR IAKOVYCH, 1839-1923)
(BIBLIOGRAPHY--BIOCHEMISTRY)

1. VYOKUROV, S. I.; ZHUKOVSKIY, L. I.
2. USSR (600)
4. Kiev - Students
7. A. N. Bakh and the student disturbances at Kiev University in 1878 (on the 95th anniversary of A. N. Bakh's birth, March 17th 1857), Ukr. biokhim. zhur., 24, no. 1, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

ZHUKOVSKY, L.I.

I.V. Cheskykhin on the role of the central nervous system in the pathogenesis of fever. Medych. shur. 23 no.5:84-89 '53. (MIRA 8:2)

1. Kiyivskiy medichnyi institut, kafedra gosspital'noi terapiichnoi kliniki; Ukrains'kiy institut klinichnoi meditsini im. akad. N.D. Strazheska, viddil istorii meditsini.

(CHESHYKHIN, IZMAIL VASYL'OVICH, 1830-1897)
(NERVOUS SYSTEM) (FEVER)

ZHUKOVSKIY, L.I.; MIKHNEV, A.L. professor, ispolnyayushchiy obyazonosti direktor.

V.T. Pokrovskii, pupil and contemporary of S.P. Botkin; on the 75th anniversary of his death. Terap.arkh. 25 no.2:71-76 Mr-Ap '53. MLRA 6:5)

1. Otdel istorii meditsiny Ukraineskogo instituta klinicheskoy meditsiny imeni akad. N.D. Strazhesko. (Pokrovskii, Vasilii Timofeevich, 1838-1878)

ZHUKOVSKIY, L.I.
ZHUKOVSKIY, L.I.; CHERKAS'KA, R.Yu.

Clinical aspects of primary cancer of the liver. Medych.shur.
24 no.3:91-95 '54. (MIRA 8:10)

1. Kiivs'kiy medichniy institut, kafedra gosptal'noi tera-
pevtichnoi kliniki.
(LIVER, neoplasms,
clin.aspects)

ZHUKOVSKIY, L.I. (Kiyev)

~~L.A. Marovskii~~
L.A. Marovskii, one of the oldest Ukrainian therapists. Vrach.
delo no.3:323-325 Mr '57 (MIRA 10:5)

1. Otdel istorii meditsiny Ukrainского instituta klinicheskoy
meditsiny im. akad. N.D. Strazhesko.
(MAROVSKII, LIUDVIG ADOL'FOVICH, 1831-1892)

ZHUKOVSKIY, L.I., kand.med.nauk

Some hemodynamic indices and functional tests of the cardiovascular system in spinal tuberculosis. Probl. tub. 42 no.11:29-34 '64.

(MIRA 18:8)

1. Ukrainskiy nauchno-issledovatel'skiy institut tuberkuleza i grudnoy khirurgii imeni akademika F.G.Yanovskogo (direktor - dotsent A.S.Mamolat), Kiyev.

ZHUKOVSKIY, L.I.; KORCHAGINA, K.B.

State of the cardiovascular system in tuberculosis patients of
elderly and senile age. Vop. geron. i geriat. 4:240-244 '65.
(MIRA 18:5)

1. Ukrainskiy institut tuberkuleza i grudnoy khirurgii imeni
akademika Yanovskogo, Kiyev.

ZHUKOVSKIY, L.I., kand. med. nauk (Kiyev)

Semiology and the clinical aspects of amyloid renal dystrophy
in osteoarticular tuberculosis. Vrach. delo no. 12:19-22
D '63. (MIRA 17:2)

1. Ukrainskiy nauchno-issledovatel'skiy institut tuberku-
leza i grudnoy khirurgii im. akad. F.G. Yanovskogo.

ZHUKOVSKIY, L.I., kand. med. nauk; BOGDANOVICH, S.N., dotsent;

"Review of the problems in tuberculosis of the skin." Trudy of
the J.G. Yanovsko Ukrainian Scientific Research Institute
of Tuberculosis and Thoracic Surgery No.2. Probl. tuberk.
41 no.2:81-82 '63 (MIRA 17:2)

ZHUKOVSKIY, L.I., kand.med.nauk (Kiyev, 35, ul. Uritskogo d.15, kv.1);
BRUSILOVSKIY, B.M., kand.med.nauk

Acute form of Werhof's disease in a patient with lung tuberculosis
following a chest operation. Klin.khir. no.9:77-79 8 '62.

(MIRA 16:5)

1. 1-ya khirurgicheskaya klinika (zav. - doktor med.nauk G.G.
Gorovenko) Ukrainskogo nauchno-issledovatel'skogo instituta
tuberkuleza i grudnoy khirurgii.

(PURPURA (PATHOLOGY)) (TUBERCULOSIS)

(CHEST—SURGERY)